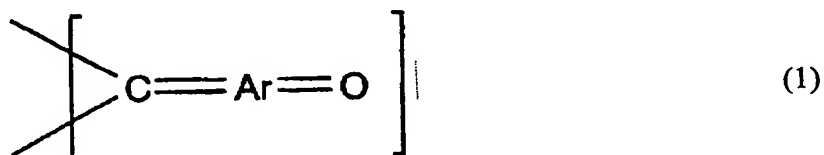


AMENDMENTS TO THE CLAIMS:

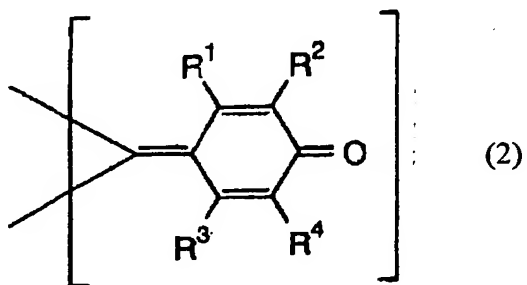
Please amend the claims as follows:

Claim 1. (Currently Amended) A battery comprising a positive electrode, a negative electrode and electrolyte, at least one of said positive and negative electrodes ~~including~~ comprising:
an electrode layer essentially composed of cyclic conjugated carbonyl compound
having comprising a structural unit expressed by general formula (1)



where wherein Ar is an organic group equivalent to a ~~compound selected from the group consisting of substituted~~ aromatic compound having carbon number 5 to 14 from which two hydrogen atoms are eliminated ~~and substituted compound of said aromatic compound from which two hydrogen atoms are eliminated.~~

Claim 2. (Currently Amended) The battery as set forth in claim 1, in which said cyclic conjugated carbonyl compound has the structural unit expressed by general formula (2)



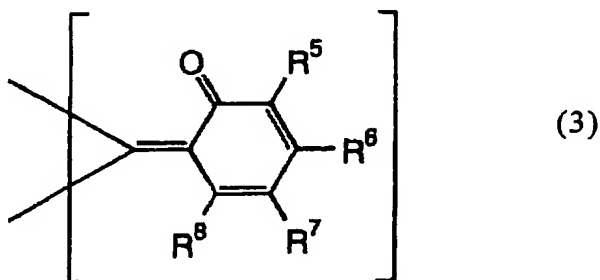
where wherein substituents R¹ to R⁴ are independent of one another, each of the substituents R¹ to R⁴ is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group,

substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 3. (Currently Amended) The battery as set forth in claim 2, ~~in which~~ wherein each of said substituents R^1 to R^4 ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 4. (Currently Amended) The battery as set forth in claim 2, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^1 to R^4 adjacent to one another and forming a ring structure.

Claim 5. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound has the structural unit expressed by general formula (3)



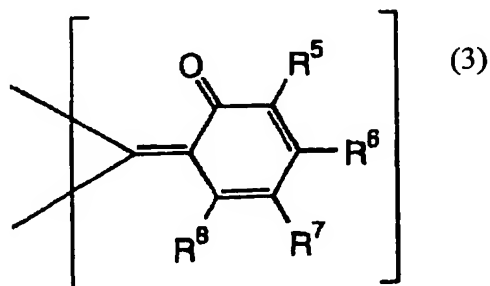
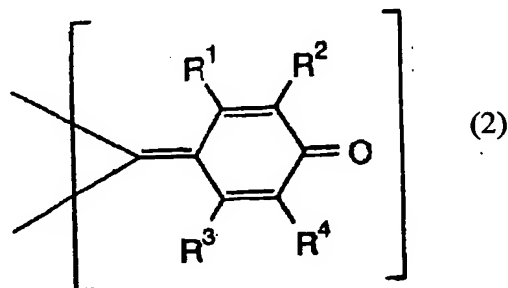
where wherein substituents R^5 to R^8 are independent of one another, each of the substituents R^5 to R^8 is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group,

cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 6. (Currently Amended) The battery as set forth in claim 5, ~~in which~~ wherein each of said substituents R^5 to R^8 ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 7. (Currently Amended) The battery as set forth in claim 5, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^5 to R^8 adjacent to one another and forming a ring structure.

Claim 8. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound ~~has~~ comprises the structural unit expressed by general formula (2) and the structural unit expressed by general formula (3)



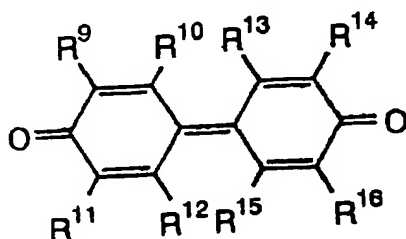
where substituents R^1 to R^4 are independent of one another, and

wherein each of the substituents R^1 to R^4 is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group, substituents R^5 to R^8 are independent of one another and substituents R^5 to R^8 comprise the same as said substituents R^1 to R^4 .

Claim 9. (Currently Amended) The battery as set forth in claim 8, ~~in which~~ wherein each of said substituents R^1 to R^8 ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom of thereof.

Claim 10. (Currently Amended) The battery as set forth in claim 8, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^1 to R^8 R^8 R^4 adjacent to one another and forming a ring structure.

Claim 11. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is expressed by general formula (4)



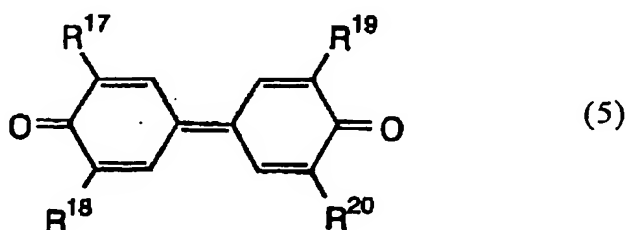
(4)

where ~~where~~ wherein substituents R^9 to R^{16} are independent of one another, each of the substituents R^9 to R^{16} is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 12. (Currently Amended) The battery as set forth in claim 11, ~~in which~~ wherein said compound has at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom of each of said substituents R^9 to R^{16} .

Claim 13. (Currently Amended) The battery as set forth in claim 11, ~~in which~~ wherein said compound has two of said substituents R^9 to R^{16} adjacent to one another and forming a ring structure.

Claim 14. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is expressed by general formula (5)

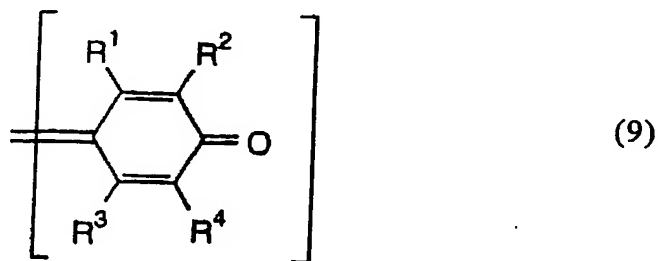


where wherein substituents R^{17} = to R^{20} are independent of one another, and each of the substituents R^{17} = to R^{20} is alkyl group having carbon number 1 to 6.

Claim 15. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is expressed by any one of general formulae (6) to (8):

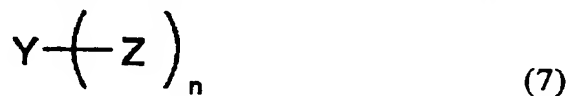


where wherein X comprises an organic group equivalent to a compound selected from the group consisting of aromatic compound having carbon number 5 = to 30 from which n hydrogen atoms are eliminated and substituted compound of said aromatic compound from which n hydrogen atoms are eliminated, V is the structural unit expressed by general formula (9), X is bonded to n structural units V independent of one another and n is an integer from 2 to 6

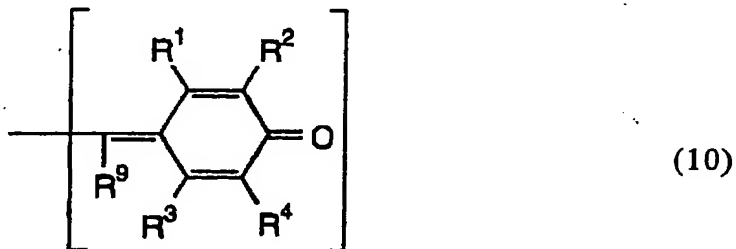


where wherein substituents R^1 to R^4 are independent of one another, each of the substituents R^1 to R^4 is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted

group of said alkoxycarbonyl group, aryloxy carbonyl group, substituted group of said aryloxy carbonyl group, acyl group and substituted group of said acyl group;



where wherein Y is comprises an n-valent organic group equivalent to a compound selected from the group consisting of chain hydrocarbon compound having carbon number 1 to 5 from which n hydrogen atoms are eliminated, substituted compound of said chain hydrocarbon compound from which n hydrogen atoms are eliminated, cyclic hydrocarbon compound having carbon number 3 to 30 from which n hydrogen atoms are eliminated and substituted compound of said cyclic hydrocarbon compound from which n hydrogen atoms are eliminated and bivalent sulfur atom, Z is the structural unit expressed by general formula (10), said Y is bonded to the n structural units Z independent of one another, and n is an integer from 2 to 6



where wherein R¹ to R⁴ are comprise same as those in said general formula (9) and substituent R⁹ is a monovalent organic group selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxy carbonyl group, substituted group of said aryloxy carbonyl group, acyl group and substituted group of said acyl group; and


$$\left[\text{R}^{10} - \text{C}(\text{R}^9) = \text{C}(\text{R}^1) = \text{C}(\text{R}^2) = \text{C}(\text{R}^3) = \text{C}(\text{R}^4) = \text{C}(=\text{O}) \right] \quad (11)$$

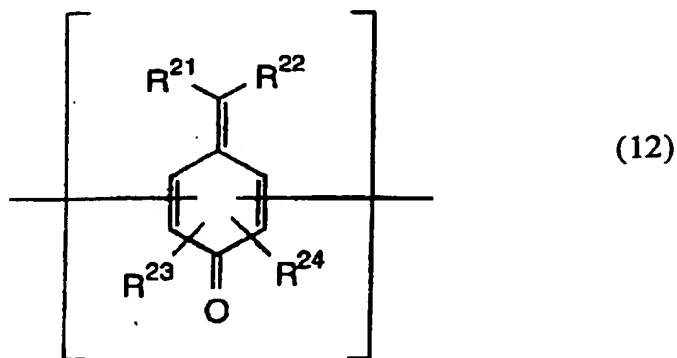
where wherein R^1 to R^4 and R^9 are comprise same as those in said general formula (10) and R^{10} is a bivalent organic group equivalent to a compound selected from the group consisting of aliphatic hydrocarbon compound from which two hydrogen atoms are eliminated, substituted compound of said aliphatic hydrocarbon compound from which two hydrogen atoms are eliminated, aromatic hydrocarbon compound from which two hydrogen atoms are eliminated, substituted compound of said aromatic hydrocarbon compound from which two hydrogen atoms are eliminated, amine compound from which two hydrogen atoms are eliminated, substituted compound of said amine compound from which two hydrogen atoms are eliminated, ether compound from which two hydrogen atoms are eliminated, substituted compound of said ether compound from which two hydrogen atoms are eliminated, ester compound from which two hydrogen atoms are eliminated, substituted compound of said ester compounds from which two hydrogen atoms are eliminated, ketone compound from which two hydrogen atoms are eliminated, substituted compound of said ketone compound from which two hydrogen atoms are eliminated, amido compound from which two hydrogen atoms are eliminated, substituted compound of said amido from which two hydrogen atoms are eliminated, certain compound having any one of the combinations of the functional groups contained in the substituted/ non-substituted aliphatic hydrocarbon

compounds, the substituted/ non-substituted aromatic hydrocarbon compounds, said substituted/ non-substituted amine compound, said substituted/ non-substituted ether compound, said substituted/ non-substituted ester compound, said substituted/ non-substituted ketone compound and said substituted/ non-substituted amido compound and from which two hydrogen atoms are eliminated.

Claim 16. (Currently Amended) The battery as set forth in claim 15, ~~in which~~ wherein said n-valent organic group ~~has~~ comprises at least one element selected from the group consisting of oxygen atom, nitrogen atom, sulfur atom, silicon atom, phosphorous atom and boron atom and substituted for at least one carbon atom thereof.

Claim 17. (Currently Amended) The battery as set forth in claim 15, ~~in which~~ wherein said bivalent organic group ~~has~~ comprises at least one element selected from the group consisting of oxygen atom, nitrogen atom, sulfur atom, silicon atom, phosphorous atom or boron atom and substituted for at least one atom thereof.

Claim 18. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is comprises polymer compound ~~containing~~ comprising the structural unit expressed by general formula (12)



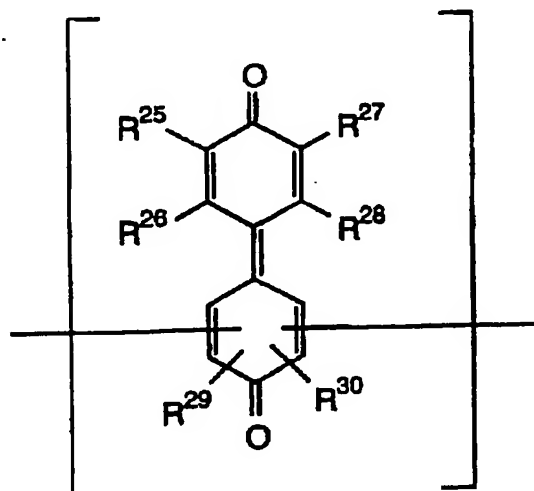
where wherein substituents R^{21} to R^{24} are independent of one another, each of the substituents R^{21} to R^{24} is selected from the group consisting of hydrogen, halogen atoms,

hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 19. (Currently Amended) The battery as set forth in claim 18, ~~in which~~ wherein each of said substituents R^{21} to R^{24} ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 20. (Currently Amended) The battery as set forth in claim 18, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^{21} to R^{24} adjacent to one another and forming a ring structure.

Claim 21. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is comprises polymer compound ~~containing~~ comprising the structural unit expressed by general formula (13)

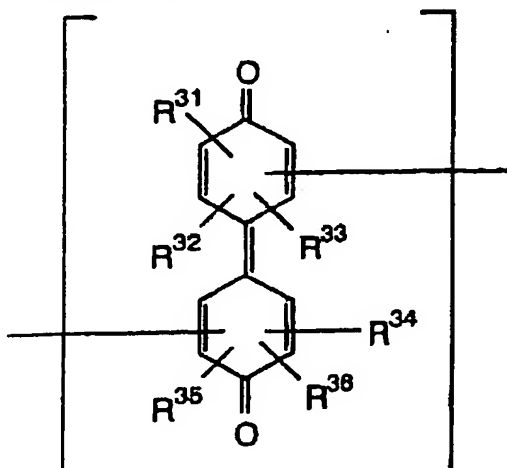


~~where~~ wherein substituents R^{25} to R^{30} are independent of one another, each of the substituents R^{25} to R^{30} is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 22. (Currently Amended) The battery as set forth in claim 21, ~~in which~~ wherein each of said substituents R^{25} to R^{30} ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 23. (Currently Amended) The battery as set forth in claim 21, in which said structural unit has two of said substituents R^{25} to R^{30} adjacent to one another and forming a ring structure.

Claim 24. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is comprises polymer compound ~~containing~~ comprising the structural unit expressed by general formula (14)



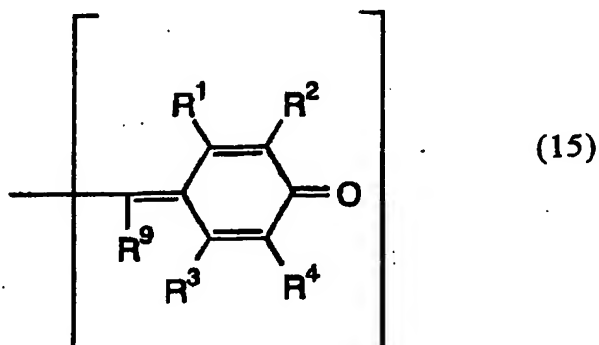
(14)

~~where~~ wherein substituents R^{31} to R^{36} are independent of one another, each of the substituents R^{31} to R^{36} is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 25. (Currently Amended)The battery as set forth in claim 24, ~~in-which~~ wherein each of said substituents R^{31} to R^{36} ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 26. (Currently Amended)The battery as set forth in claim 24, ~~in-which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^{31} to R^{36} adjacent to one another and forming a ring structure.

Claim 27. (Currently Amended)The battery as set forth in claim 1, ~~in-which~~ wherein said cyclic conjugated carbonyl compound ~~is~~ comprises polymer ~~containing~~ comprising the structural unit expressed by general formula (15)

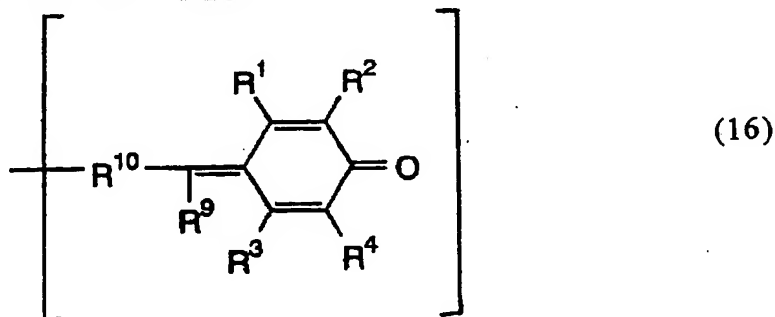


where wherein R^1 to R^4 and R^9 are comprise same as those in said general formula (10).

Claim 28. (Currently Amended) The battery as set forth in claim 27, ~~in which~~ wherein each of said substituents R^1 to R^4 and R^9 ~~has~~ comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 29. (Currently Amended) The battery as set forth in claim 27, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R^1 to R^4 and R^9 adjacent to one another and forming a ring structure.

Claim 30. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said cyclic conjugated carbonyl compound is comprises polymer ~~containing~~ comprising the structural unit expressed by general formula (16)



where wherein R^1 to R^4 , R^9 and R^{10} are comprise same as those in said general formula (11).

Claim 31. (Currently Amended) The battery as set forth in claim 30, ~~in which~~ wherein each of said substituents R^1 to R^4 , R^9 and R^{10} ~~has~~ comprises at least one element selected from the

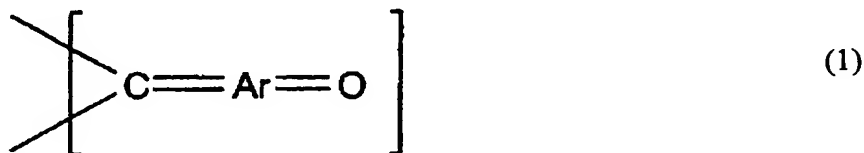
group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 32. (Currently Amended) The battery as set forth in claim 30, ~~in which~~ wherein said structural unit ~~has~~ comprises two of said substituents R¹ to R⁴, R⁹ and R¹⁰ adjacent to one another and forming a ring structure.

Claim 33. (Currently Amended) The battery as set forth in claim 1, ~~in which~~ wherein said positive electrode ~~contains~~ comprises said cyclic conjugated carbonyl compound.

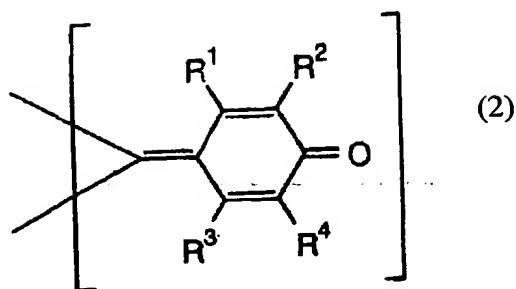
Claim 34. (Currently Amended) The battery as set forth in claim 1, said battery ~~serving as~~ comprises a lithium secondary battery.

Claim 35. (New) An electrode for a battery, said at electrode comprising:
an electrode layer essentially composed of cyclic conjugated carbonyl compound comprising a structural unit expressed by general formula (1)



wherein Ar comprises an organic group equivalent to a substituted aromatic compound having carbon number 5 to 14 from which two hydrogen atoms are eliminated.

Claim 36. (New) The electrode as set forth in claim 35,
wherein said cyclic conjugated carbonyl compound has the structural unit expressed by general formula (2)



wherein substituents R^1 to R^4 are independent of one another, each of the substituents R^1 to R^4 is selected from the group consisting of hydrogen, halogen atoms, hydroxyl group, nitro group, nitroso group, cyano group, carboxyl group, alkyl group, substituted group of said alkyl group, alkenyl group, substituted group of said alkenyl group, cycloalkyl group, substituted group of said cycloalkyl group, aryl group, substituted group of said aryl group, aralkyl group, substituted group of said aralkyl group, amino group, substituted group of said amino group, alkoxy group, substituted group of said alkoxy group, aryloxy group, substituted group of said aryloxy group, alkoxycarbonyl group, substituted group of said alkoxycarbonyl group, aryloxycarbonyl group, substituted group of said aryloxycarbonyl group, acyl group and substituted group of said acyl group.

Claim 37. (New) The electrode as set forth in claim 36, wherein each of said substituents R^1 to R^4 comprises at least one element selected from the group consisting of sulfur atom, silicon atom, phosphorous atom and boron atom substituted for an atom thereof.

Claim 38. (New) The electrode as set forth in claim 36, wherein said structural unit comprises two of said substituents R^1 to R^4 adjacent to one another and forming a ring structure.

Claim 39. (New) The electrode as set forth in claim 35, wherein said at least one electrode comprises one of a positive electrode and a negative electrode.